

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

FACT SHEET
(pursuant to NAC 445A.236)

Permittee Name: Black Mountain Golf and Country Club
for the
Black Mountain Golf Course
500 Greenway Road
P. O. Box 91566
Henderson, Nevada 89015

Permit Number: NEV96017

Description of Discharge

Location: Black Mountain Golf Course
500 Greenway Road
Clark County
Henderson, Nevada 89015

Characteristics: The reuse water discharge is tertiary treated, denitrified, disinfected effluent supplied by the City of Henderson Water Reclamation Facility used in landscape irrigation of the Black Mountain 27 hole golf course and common area in accordance with the Black Mountain Golf Course's approved Effluent Management Plan.

Flow: 1.35 MGD Daily Maximum

Quantities:

The discharge shall be limited and monitored by the Permittee as specified below:

TABLE I.1

PARAMETERS	EFFLUENT DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30-Day Average	Monthly Maximum	Measurement Frequency	Sample Type
Irrigation Rate Flow Million Gallons² (MG)	Monitor & Report MG/Day	Monitor & Report MG/Month	Continuous	Flow Meter
Annual Application Volume³ (AF)	1510 Acre-Feet/Year (x 0.326=Million gallons)		Cumulative annual total	Flow Meter (totalizers)
Fecal Coliform¹ (CFU/MPN)	2.2 CFU (MPN)/100 ml	23 CFU (MPN)/ 100 ml	Weekly	Discrete

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- 1 Sample results are to be obtained from NEV80003 and reported by Permittee.
- 2 Monthly application rates in the Effluent Management Plan (EMP) should be used as a guide.
3. Based upon 110% of the Application Volume determined from the consumptive use balance in the EMP and is to be submitted with the 4th Quarter DMR.

General: The applicant reuses effluent for landscape irrigation of turf grass and vegetation on the 196 acre Black Mountain Golf and Country Club 18 hole course, the new 9 hole course located in the central portion of the property, and adjacent common areas. Application of effluent will be via spray irrigation in accordance with a revised Effluent Management Plan and as required by the permit. There are two concrete lined effluent irrigation storage lakes which supply irrigation water; potable water is blended into the lakes via an air-gap discharge to supplement the quantity of reuse water.

Receiving Water Characteristics: Groundwater in the area is approximately 325' in depth. No adverse effects are expected to occur as a result of this effluent reuse. Groundwater monitoring is not required.

Procedures for Public Comment:

The Notice of the Division's intent to issue a permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Las Vegas Review Journal and Henderson Home News** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the public notice. The comment period can be extended at the discretion of the Administrator.

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

Proposed Determination

The Division has made the tentative determination to reissue the proposed permit.

Schedule of Compliance and Special Conditions

(I.D.1.) The Permittee shall implement and comply with the provisions of the following schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.

- a. The Permittee shall achieve compliance with the effluent flow monitoring requirements upon issuance of the permit.
- b. A Revised Effluent Management Plan (EMP) shall be prepared, stamped and signed by a Nevada Registered Engineer. One copy shall be submitted to Nadir Sous of the NDEP, Bureau of Water Pollution Control (BWPC), Technical Services Branch, Las Vegas office within 30 days of permit issuance for review and approval; one copy shall be submitted to Icyl Mulligan of the NDEP, BWPC, Permits Branch in Carson City, Nevada. **The Permittee shall notd apply**

effluent prior to having an approved EMP per NAC 445A.275, unless authorized otherwise by the Division.

- c. **Within 30 days of permit issuance**, the Permittee shall submit the cross-connection control documentation required by part I.B.11 for cross connection control.

There are no special conditions

Rationale for Permit Requirements

Fecal Coliform is monitored to ensure effluent reuse quality is maintained in accordance with NAC 445A.276. Application volumes are monitored such that they must be in accordance with Consumptive Use Balance described in the EMP.

Prepared by: Icyl C. Mulligan
May, 2003

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